

## Soo'Zinc Veil SPF30

2760-1.66



+ ZnO Only

+ Light texture

+ Sensitive skin friendly

Phase	Name	INCI	Supplier	%
A1	DEMINERALIZED WATER	WATER	-	40.50
	SUNSPHERES™ BIO SPF BOOSTER	MICROCRYSTALLINE CELLULOSE	DOW CHEMICAL	0.50
A2	KELCO-CARE™ DIUTAN GUM	SPHINGOMONAS FERMENT EXTRACT	LUBRIZOL	0.30
	GLYCERIN	GLYCERIN	-	2.00
A3	GEOGARD ULTRA™	GLUCONOLACTONE, SODIUM BENZOATE, CALCIUM GLUCONATE	LONZA	0.05
A4	E.D.T.A. DISODIUM SALT	DISODIUM EDTA	-	0.20
A5	PLANTACARE® 2000 UP	DECYL GLUCOSIDE, WATER	BASF	1.00
B1	ECLIPSE®Z1-TECS	ZINC OXIDE, TRIETHOXYCAPRYLYLSILANE	UVIVA TECHNOLOGIES	25.00
	CETIOL® C5	COCO-CAPRYLATE	BASF	7.00
	HALLBRITE® BHB	BUTYL OCTYL SALICYLATE	HALLSTAR	5.00
	MATRIFUSE™ S-1 DISPERSANT	POLYHYDROXYSTEARIC ACID, NEOPENTYL GLYCOL DIETHYLHEXANOATE	LUBRIZOL	1.20
B2	RHEOPEARL KL2	DEXTRIN PALMITATE	MIYOSHI	0.50
	CETIOL® C5	COCO-CAPRYLATE	BASF	8.00
	PRESERVATIVE	PRESERVATIVE	-	0.70
B3	<b>EMULIUM® DERMOLEA MB</b>	POLYGLYCERYL-6 DISTEARATE, CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS	GATTEFOSSÉ	<b>4.00</b>
	<b>GELEOL™ MB</b>	GLYCERYL STEARATE	GATTEFOSSÉ	<b>0.50</b>
	CETEARYL ALCOHOL	CETEARYL ALCOHOL	-	0.50
C	<b>NOXIFENSE™</b>	PROPANEDIOL, HIPPOPHAE RHAMNOIDES EXTRACT	GATTEFOSSÉ	<b>1.00</b>
D	GEOGARD ULTRA™	GLUCONOLACTONE, SODIUM BENZOATE, CALCIUM GLUCONATE	LONZA	0.05
	DEMINERALIZED WATER	WATER	-	2.00

100.00

## Operating instructions

- Heat water at 65°C and add Sunpheres™ Bio SPF booster under stirring and homogenize with rotor stator for 3-5min.
- Add A2 (premix is not necessary), let the gel swell for 5 minutes under rapid stirring.
- Add A3 and A4 one by one, and stir for 5 minutes until complete solubilization between each.
- Add A5 just before emulsion to avoid too much foam
- Heat B1 to 65°C without Zinc Oxide, and then disperse Zinc Oxide under ultra turrax for 3-6 minutes.
- Heat B2 at 75°C without Rheopearl KL2 and then disperse Rheopearl KL2 under ultra turrax for 2 minutes.
- Add B2 to B1.
- Add B3 to B1+B2
- Emulsification : Add B (65°C) into A (65°C) under rapid mixing 1200rpm (big defloculator).
- Cool under rapid mixing to 28°C.
- At 28°C add C.
- Then adjust pH with phase D.

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### Description

This texture is light as a veil thanks to the sensorial emulsifier **Emulium® Dermolea MB**. While protecting from sun, it is gentle for the skin with its composition without chemical UV filters, without perfume, and with soothing ingredients as **Noxifense™**. The finish is non-greasy and non-sticky, perfect for a face and body application.

### Specifications

- + Aspect: White glossy emulsion
- + pH = 7.3 ± 0.3
- + Viscosity Brookfield RV (spindle A, speed 5): approx. 21 000 mPa.s after 24h
- + Conform to worldwide regulations  
SPF *in vivo* (ISO 24444:2019/Amd1:2022): 30.9 (3 vol.)  
UVA *in vitro* (ISO 24443:2021): 9.3  
Critical wavelength (ISO 24443:2021): 369nm
- + Natural origin >90% (ISO 16128)

### Ingredients

- **Emulium® Dermolea MB**, used at 4%, creates a light O/W emulsion, with no tacky or greasy feel. Thanks to its fine tuned composition, it brings moisturizing and soothing properties.
- **Geleol™ MB** is a co-emulsifier.
- Kelco-Care™ Diutan Gum is an aqueous gelling agent that helps to improve stability and suspend ZnO.
- Geogard Ultra™ is used as a pH buffer, very useful with mineral UV filters.
- Sunspheres™ Bio SPF Booster and Hallbrite BHB are SPF boosters. Sunspheres™ Bio SPF Booster also help to reach a good stability in this complexe formula.
- Plantacare® 2000 UP has a very high HLB that helps to stabilize this O/W emulsion.
- Eclipse®Z1-TECS is an inorganic UV filter, with a lipophilic coating, and nano grade.
- Matrifuse™ S-1 Dispersant is a dispersing agent.
- Rheoppearl KL2 is oil gelling agent that keeps ZnO in suspension.
- **Noxifense™** is a water-soluble bioactive that strengthens the skin's defense mechanisms against the exposome-induced oxi-inflammation. It soothes even the most sensitive and reactive skin.